

Overview

The AT-SPSX SFP transceiver is capable of reaching a maximum operating distance of up to 500 m and transmits using an 850 nm wavelength.

The AT-SPSX SFP transceiver is designed to be used in ATI products such as the AT-8000 and AT-9400 series switches.


Verifying Package Contents

Make sure that the correct component and installation instructions are included in your package. If any item is missing or damaged, contact your Allied Telesyn sales representative for assistance.

AT-SPSX Specifications

Model	Maximum Distance	Type of Fiber Optic Cable
AT-SPSX	500 m	50/125 μm multimode fiber
	300 m	62.5/125 μm multimode fiber

The SFP transceiver uses a fiber optic cable with LC connectors.



**Laser**  
Class 1 laser product. Do not stare into the laser beam.

**Note**  
A transceiver must be connected to another transceiver or fiber optic port that has similar operating characteristics.

**Note**  
You can hot swap the SFP transceiver. You do not need to power off the networking device when you install or replace an SFP transceiver.

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Installing an AT-SPSX SFP Transceiver

To install an AT-SPSX transceiver, perform the following procedure:

**Caution**  
The transceiver can be damaged by static electricity. Be sure to observe all standard electrostatic discharge (ESD) precautions, such as wearing an antistatic wrist strap, to avoid damaging the device.

1. Remove the transceiver from the shipping package and store the packaging material in a safe place.
2. Slide the transceiver into the SFP slot.

If you are connecting the fiber optic cable to the SFP at this time, continue to step 3. Otherwise, stop here.

3. Remove the dust cover.
4. Connect the fiber optic cable to the transceiver.


For information about the transceiver port LEDs, refer to the appropriate hardware installation guide.


Electrical Safety and Emission Statement

Standards: This product meets the following standards.

U.S. Federal Communications Commission
<div>Radiated Energy</div> <div>Note: This equipment has been tested and found to comply with the limits for a Class A digital device pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with this instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.</div> <div>Note: Modifications or changes not expressly approved of by the manufacturer or the FCC, can void your right to operate this equipment.</div>


Industry Canada
<div>This Class A digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.</div> <div>Cet appareil numérique de la classe A respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.</div>

**RFI Emission:** EN55022 Class A  
**Warning:** In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

**Immunity:** EN55024  
**Electrical Safety:** EN60950, EN60825, UL1950 (CUL<sub>US</sub>)

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